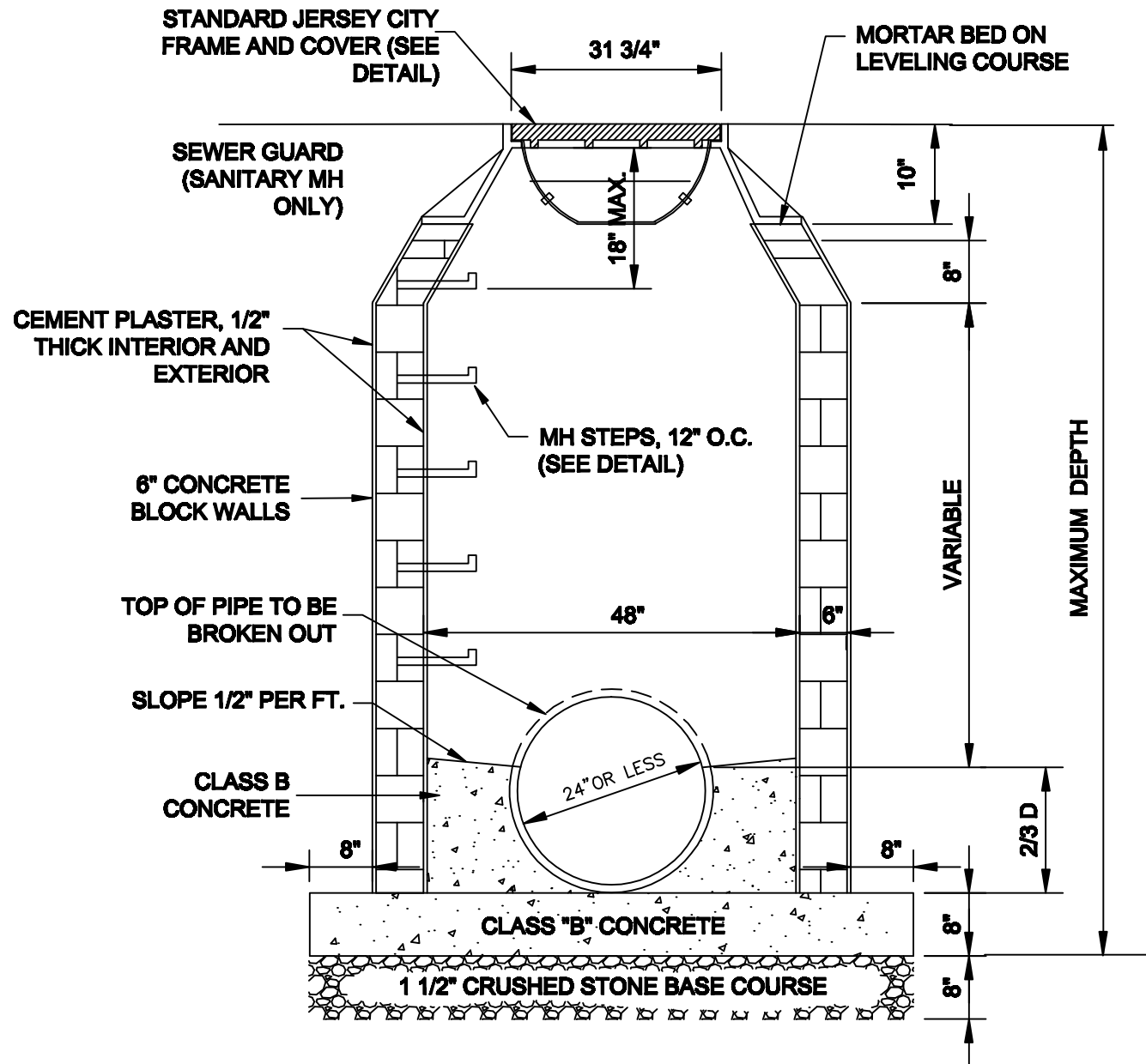
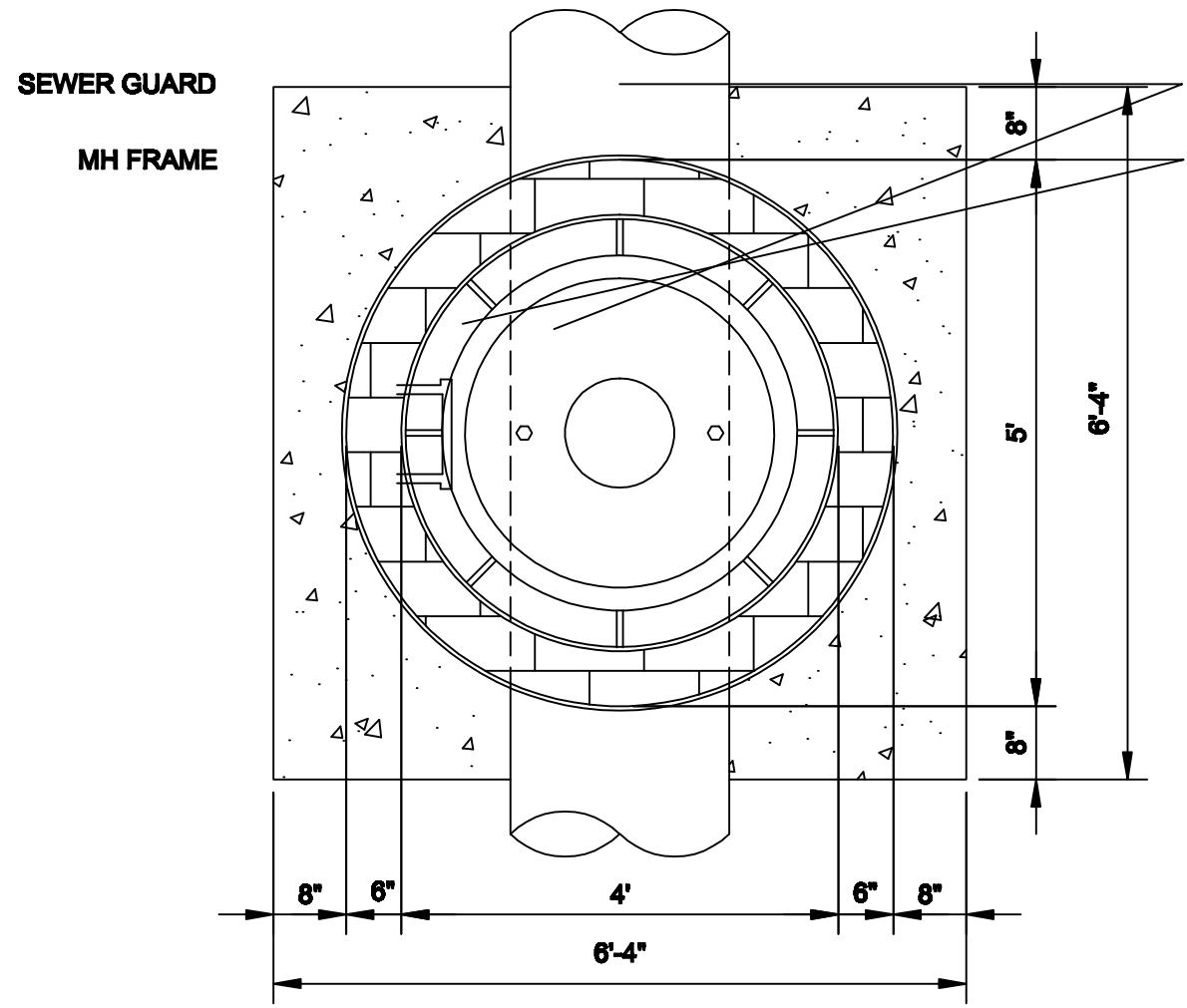


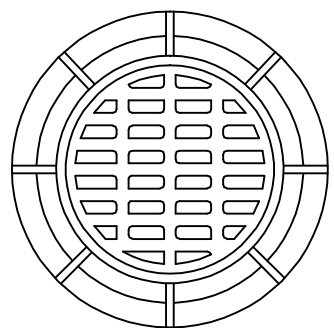
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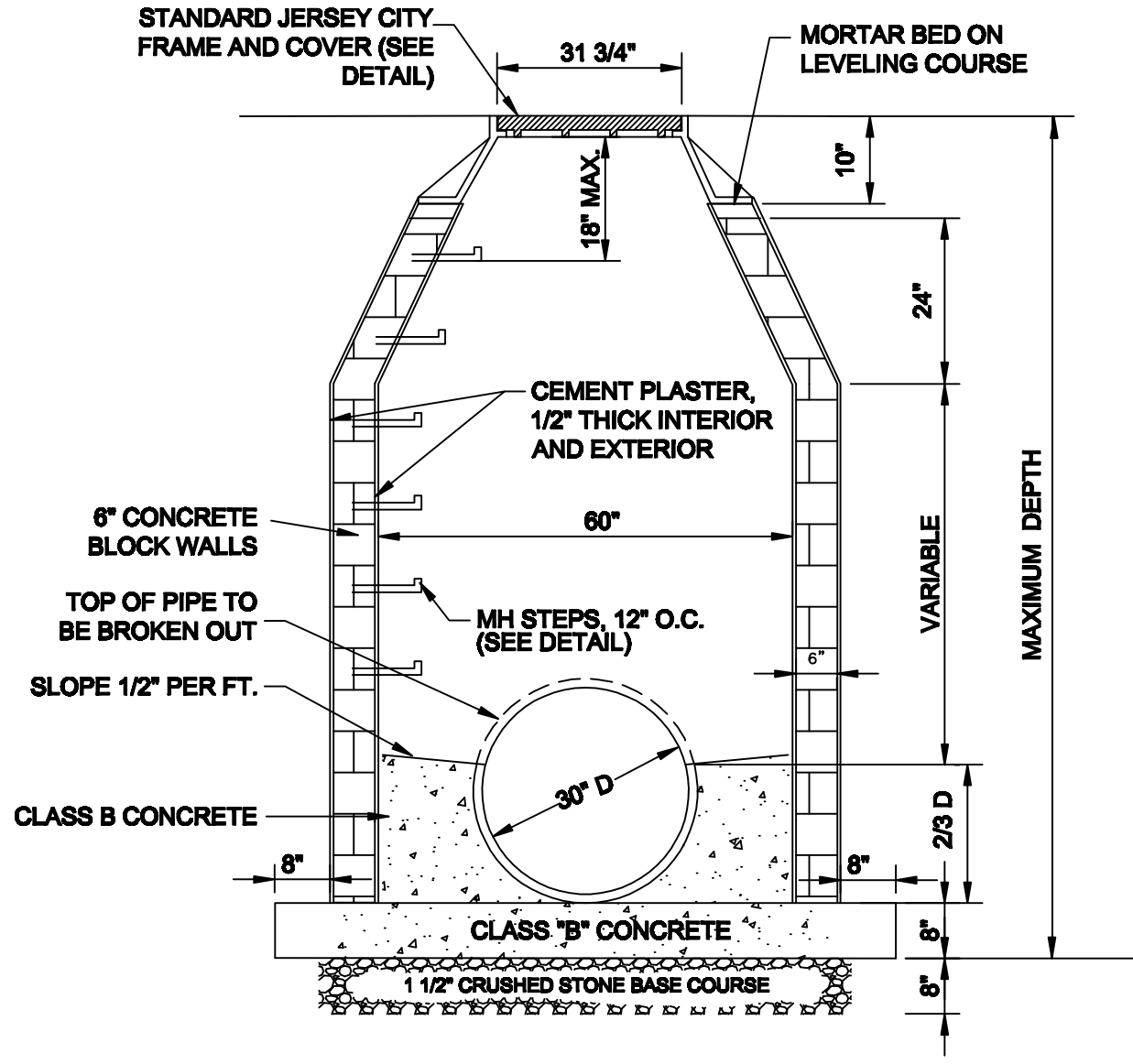
SECTION
N.T.S.



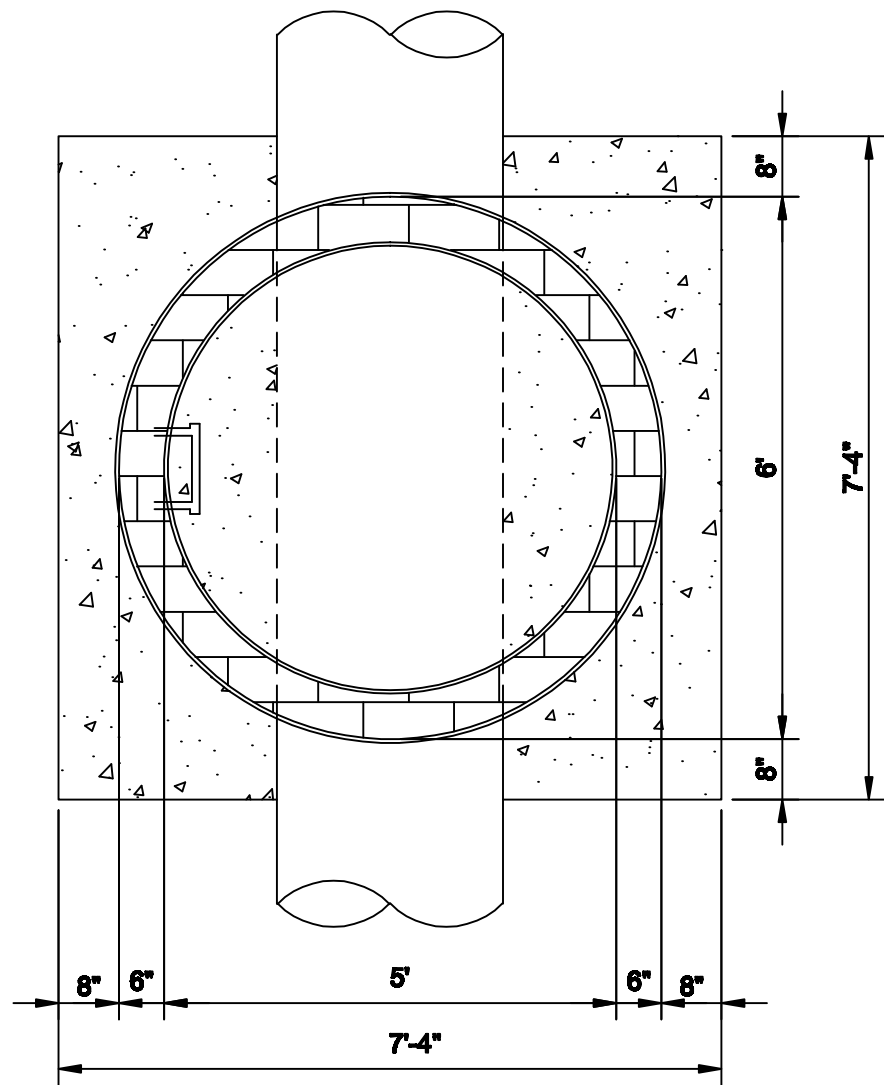
STANDARD CONCRETE
BLOCK MANHOLE TYPE A
N.T.S.



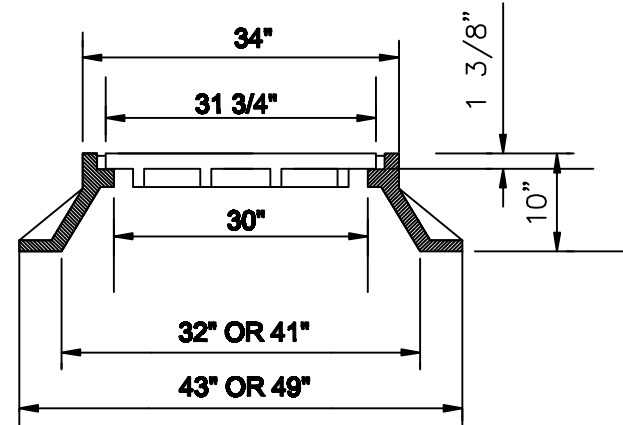
ROUND FLANGE
STANDARD MANHOLE, INLET COVER
N.T.S.



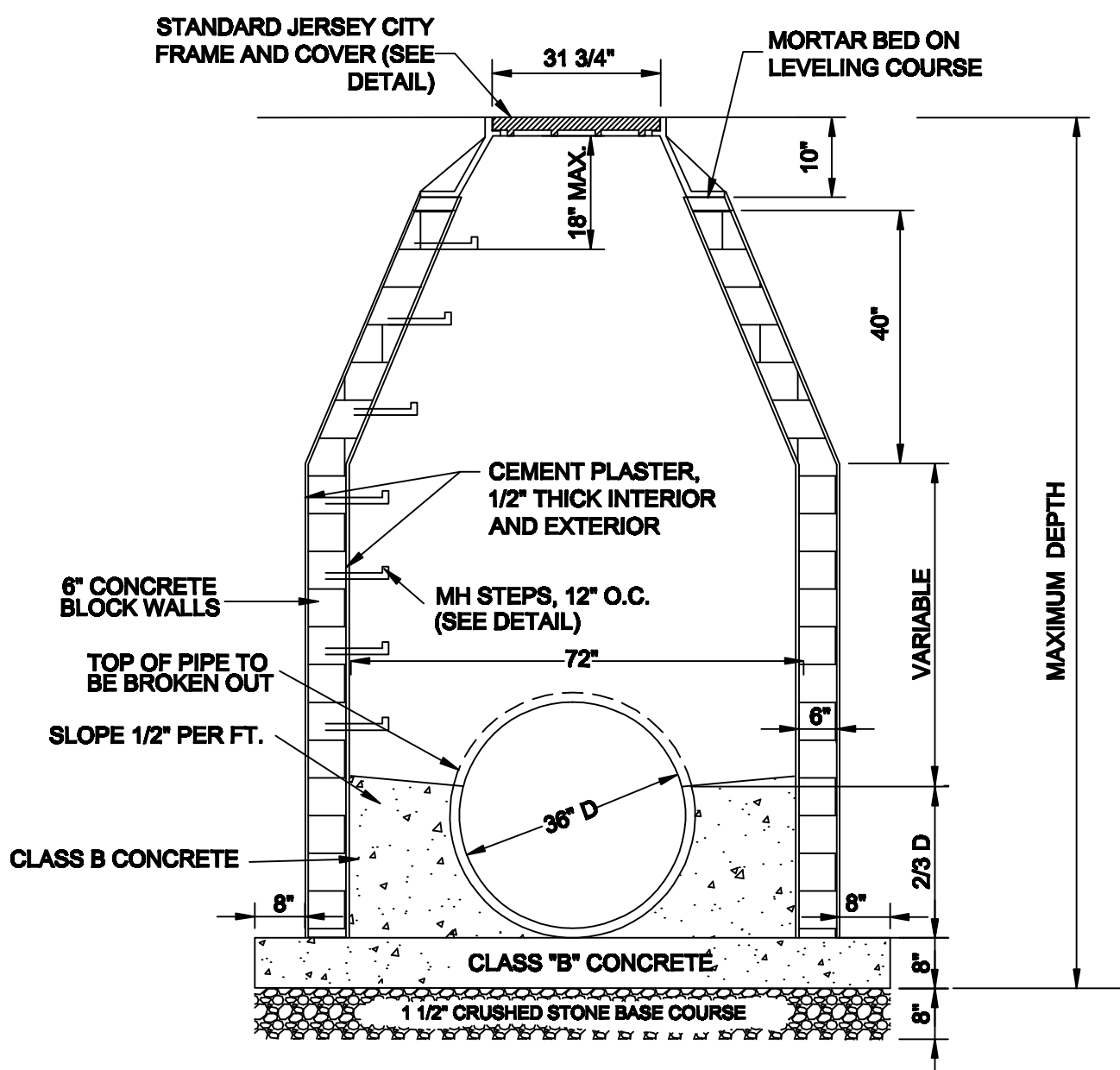
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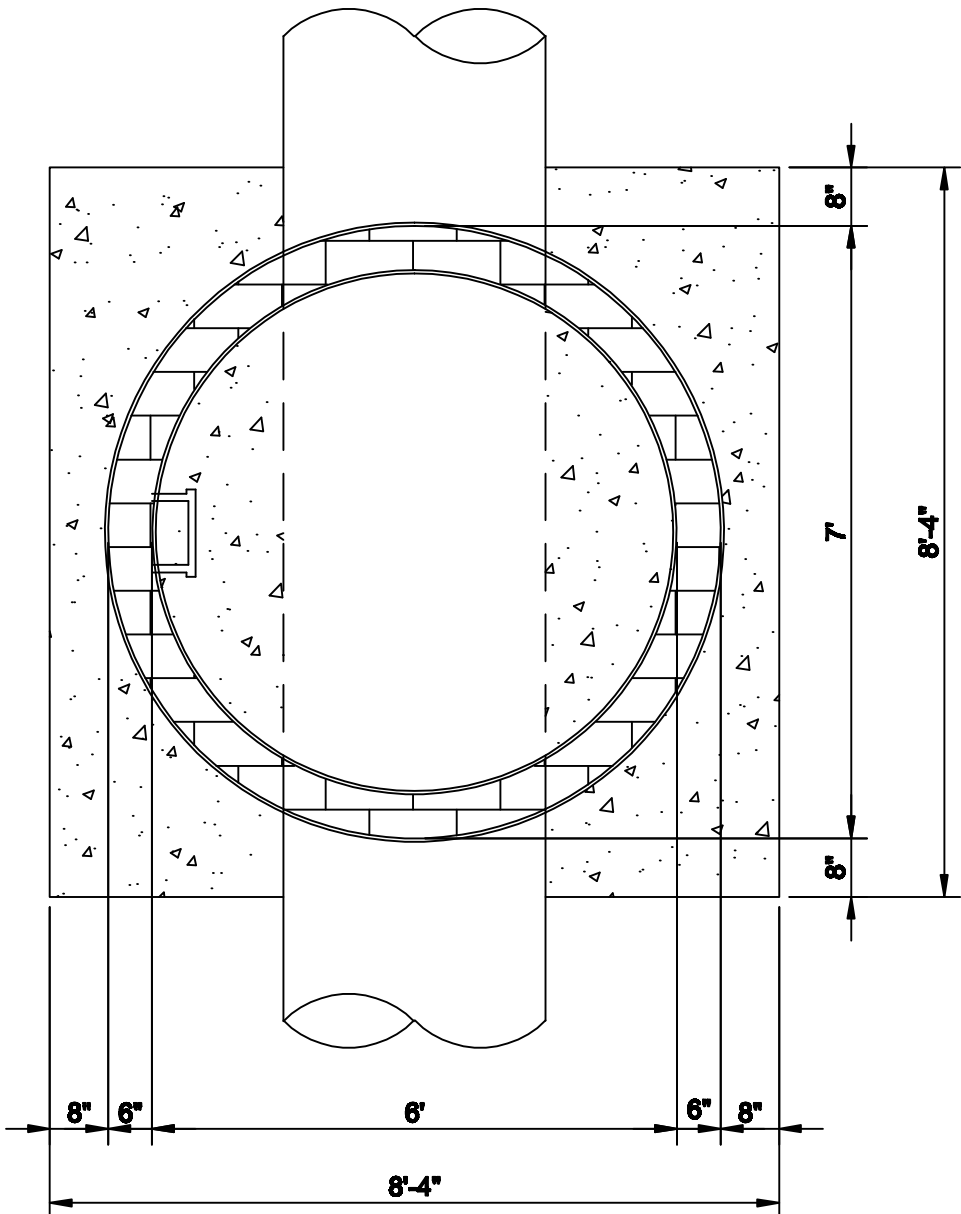
STANDARD CONCRETE
BLOCK MANHOLE TYPE B
N.T.S.



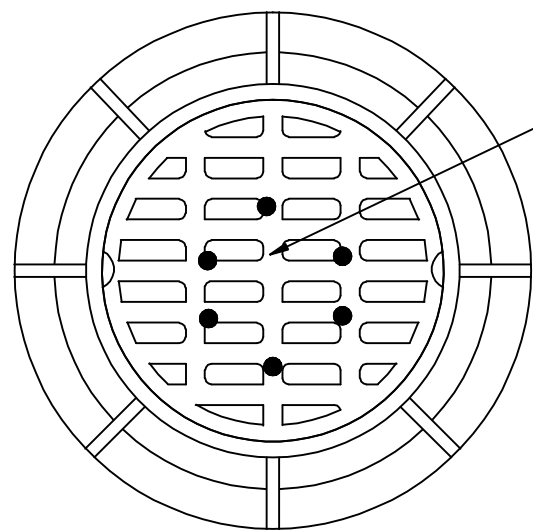
SECTION
N.T.S.
STANDARD MANHOLE,
INLET FRAME AND COVER



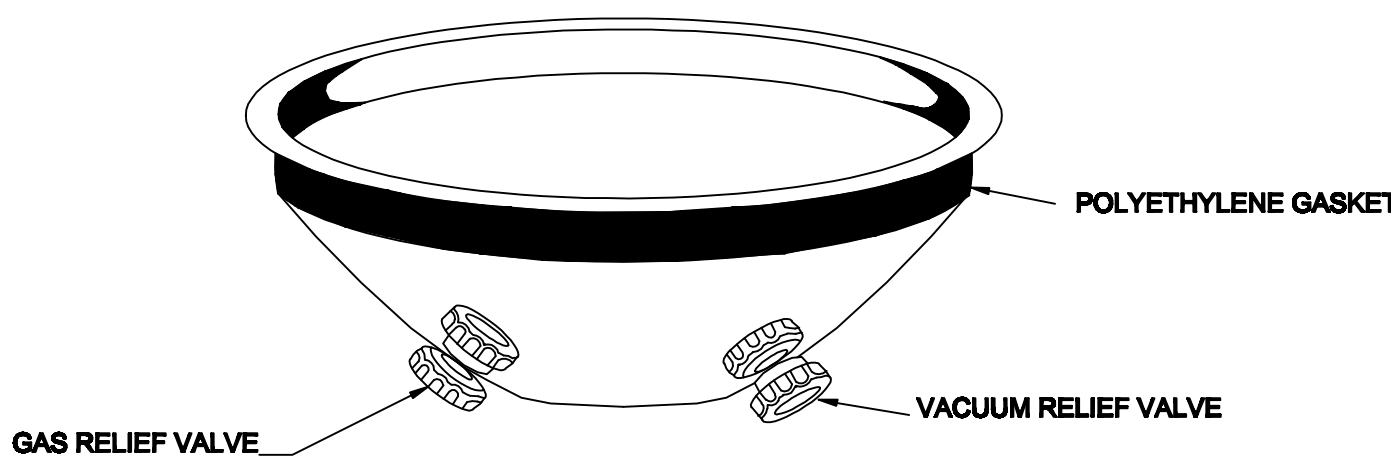
SECTION
N.T.S.



STANDARD CONCRETE
BLOCK MANHOLE TYPE C
N.T.S.



PLAN
N.T.S.



SEWER GUARD RAIL
N.T.S.

THE CONTRACTOR SHALL FURNISH A SEWER GUARD WATERTIGHT MANHOLE INSERT
FOR SANITARY MANHOLES ONLY.

NOTES FOR CONCRETE BLOCK MANHOLES

1. CONCRETE TO BE PLACED ACCORDING TO NJSS SECTION 603.
CONCRETE BLOCK JOINTS ARE TO BE STAGGERED.
2. INCREASE MANHOLE WALL THICKNESS TO TWELVE (12) INCHES AT
DEPTHS GREATER THAN TWELVE (12) FEET FOR TYPE A AND AT
DEPTHS GREATER THAN EIGHT (8) FEET FOR TYPE B AND TYPE C.
3. PIPE TO BE LAID THROUGH MANHOLES, TOP BROKEN OUT AFTER
MANHOLE IS COMPLETE AND PIPE ENCASED IN CONCRETE FILLER.
4. PIPE TO BE CUT FLUSH WITH INSIDE FACE OF MANHOLE.
5. ALL MANHOLES TO BE FOUNDED ON EIGHT (8) INCH BASE OF
1 1/2" CRUSHED STONE .
6. ONE HALF (1/2) INCH CEMENT PLASTER OF 1:2 CEMENT-SAND
MORTAR, TROWELED TO A SMOOTH FINISH TO BE APPLIED TO BOTH
SIDES OF WALL IF CONCRETE BLOCKS ARE USED.
7. SIX (6) INCHES CLASS B CONCRETE CAST-IN-PLACE MAY BE
SUBSTITUTED FOR SIX (6) INCH CONCRETE BLOCK WALLS. PRECAST
CONCRETE MANHOLE SECTIONS WILL BE PERMITTED AS AN ALTERNATE
DESIGN SUBJECT TO APPROVAL OF CONTRACTOR'S SHOP DRAWINGS
BY THE ENGINEER.

NOTE ON STANDARD MANHOLE AND INLET FRAME AND COVER

1. MANHOLE FRAMES AND COVERS ARE TO BE PAINTED WITH
ONE COAT OF BLACK ASPHALTUM PAINT, BY THE
MANUFACTURER.

City of Jersey City
Division of Engineering
575 ROUTE 440
JERSEY CITY, NEW JERSEY 07305
(201) 547-4412



2	DGA Changed to Crushed Stone	11/09
1	Equal Changed to Equivalent	7/09
NO.	REVISIONS	DATE

CITY OF JERSEY CITY
STANDARDS

NO.	REVISIONS	DATE

William R. Goble, P.E.
Director
Division of Engineering
NJ P.E. Lic. No. 24798

Date

**Standard Concrete Block
Manhole**

DRAWN BY	DESIGNED BY	CHECKED BY
PROJECT NO.	CADD FILE	SCALE

DRAWING

SHEET

3
17